Recombinant Full Length Human NAA10 Protein, C-Flag-tagged

Cat. No. NAA10-2029HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NAA10 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	N-alpha-acetylation is among the most common post-translational protein modifications in eukaryotic cells. This process involves the transfer of an acetyl group from acetyl-coenzyme A to the alpha-amino group on a nascent polypeptide and is essential for normal cell function. This gene encodes an N-terminal acetyltransferase that functions as the catalytic subunit of the major amino-terminal acetyltransferase A complex. Mutations in this gene are the cause of Ogden syndrome. Alternate splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.3 kDa
AA Sequence	MNIRNARPEDLMNMQHCNLLCLPENYQMKYYFYHGLSWPQLSYIAEDENGKIVGYV LAKMEEDPDDVPHG HITSLAVKRSHRRLGLAQKLMDQASRAMIENFNAKYVSLHVR KSNRAALHLYSNTLNFQISEVEPKYYAD GEDAYAMKRDLTQMADELRRHLELKEKG RHVVLGAIENKVESKGNSPPSSGEACREEKGLAAEDSGGDSK DLSEVSETTESTDV KDSSEASDSAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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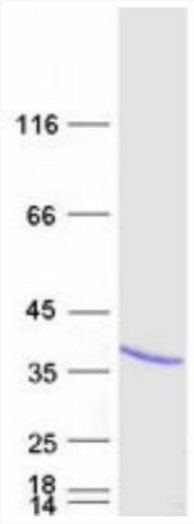
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Glycerophospholipid metabolism, Limonene and pinene degradation, Phenylalanine metabolism, Tyrosine metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	NAA10 N-alpha-acetyltransferase 10, NatA catalytic subunit [Homo sapiens (human)]
Official Symbol	NAA10
Synonyms	TE2; ARD1; NATD; ARD1A; ARD1P; OGDNS; hARD1; DXS707; MCOPS1
Gene ID	8260
mRNA Refseq	NM_003491.4

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Protein Refseq	NP_003482.1
MIM	300013
UniProt ID	P41227



Coomassie blue staining of purified NAA10 protein.

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